



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Tadao KIKUMOTO Examiner: unassigned
Serial No.: 10/806,662 Group Art Unit: 2641
Filed: 03/23/2004 Docket: 230980-0248
Title: VOCODER SYSTEM AND METHOD FOR VOCAL SOUND SYNTHESIS

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described herein, are being deposited in the United States Postal Service, in an envelope with sufficient postage, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313 on July 1, 2004.

By: _____

Richard Ruggiero
Richard Ruggiero

Commissioner for Patents
Alexandria, VA 22313

Sir:

We are transmitting herewith the attached:

- ☒ Information Disclosure Statement (In duplicate)
- ☒ Form PTO-Form SB08
- ☒ Copies of Cited References (7)
- ☒ Return postcard

Please charge any fees associated with this transmittal to Deposit Account No: 50-0872. A duplicate of this sheet is enclosed.

Date: July 1, 2004

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Atty. Dkt. No. 230980-0248

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Applicant: Tadao KIKUMOTO
Title: VOCODER SYSTEM AND
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Filing Date: 03/23/2004
Examiner: Unknown
Art Unit: 2641

<p>CERTIFICATE OF MAILING I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date below.</p> <p><u>RICHARD RUGGIERO</u> (Printed Name)</p> <p><u>Richard Ruggiero</u> (Signature)</p> <p><u>JULY 1, 2004</u> (Date of Deposit)</p>

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §1.56

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicant in order to comply with Applicant's duty of disclosure pursuant to 37 CFR §1.56. A copy of each listed document, except as noted below, is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The USPTO has waived the requirement under 37 CFR 1.98(a)(2)(i) to submit copies of U.S. patents and U.S. patent application publications when citing and submitting an Information Disclosure Statements in a patent application filed after June 30, 2003 and in an international application that has entered the national stage under 37 USC §371 after June 30, 2003. Accordingly, copies of these types of documents are not being supplied in connection with this application. Reference is being made to Pre-OG Notice from Office of Patent Legal Administration dated July 25, 2003, *Information Disclosure Statements May Be Filed Without Copies of U.S. Patents and Published Applications in Patent Applications filed after June 30, 2003.*

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicant does not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(b), before the mailing date of the first Office Action on the merits.

RELEVANCE OF EACH DOCUMENT

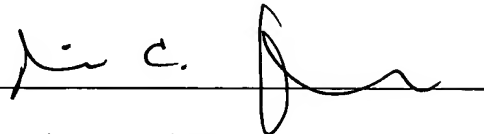
All of the documents are in English.

Applicant respectfully requests that any listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 50-0872. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 50-0872.

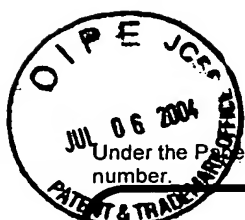
Respectfully submitted,

Date 2-1-04

By 

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Substitute for form 1449B/PTO
**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Date Submitted: July 1, 2004

(use as many sheets as necessary)

Complete if Known

Application Number	10/806,662
Filing Date	03/23/2004
First Named Inventor	Tadao KIKUMOTO
Group Art Unit	2641
Examiner Name	UNKNOWN
Attorney Docket Number	230980-0248

Sheet

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of

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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
	A1	5,231,671		Gibson et al	07/27/1993	
	A2	5,301,259		Gibson et al	04/05/1994	
	A3	5,401,897		Depalle et al	03/28/1995	
	A4	5,567,901		Gibson et al	10/22/1996	
	A5	5,641,926		Gibson et al	06/24/1997	
	A6	5,986,198		Gibson et al	11/16/1999	
	A7	6,046,395		Gibson et al	04/04/2000	
	A8	6,336,092		Gibson et al	01/01/2002	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
	A9	Voice Quality Conversion in TD-Psola Speech Synthesis – Xuejing Sung – Speech Acoustics Laboratory, Department of Communication Sciences and Disorders – Northwestern University, Evanston, IL 60208, USA – pp 1-4	
	A10	Synthesizing a choir in real-time using Pitch Synchronous Overlap Add (PSOLA) – Norbert Schnell, Geoffroy Peeters, Serge Lemouton, Philippe Manoury, Xavier Rodet – IRCAM – Centre Georges-Pompidou – 1, pl. Igor Stravinsky, F-75004 Paris France – www.ircam.fr – 7 pages	
	A11	WEB-SLS – The European Student Journal of Language and Speech – “A NEW APPROACH TO THE EVALUATION OF VOCAL EFFORT BY THE PSOLA METHOD” – A. Tassa and J.S. Lienard – 16 pages	
	A12	Data Sheet - VoiceWorks – Vocals on Target? – TC Helicon – Vocal Technologies – www.tc-helicon.com	
	A13	Data Sheet - Quintet – Vocals on Target? – TC Helicon – Vocal Technologies – www.tc-helicon.com	
	A14	Brochure – Powercore Rackmount Quality Processing Solution for MAC and PC – Edition 1/2003 - TC Works – Ultimate Software Machines	
	A15	Brochure – Voice your Inspiration – Native Instruments Software Synthesis – Vokator – Voice your Inspiration – www.native-instruments.com	

Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.